

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A method for decoding compressed image data recorded in an optical disk, comprising the steps of:

recording program data, ~~which can~~ capable of performing partial decoding, in addition to ~~said~~the compressed image data, in ~~said~~the optical disk in advance;

recording ~~said~~the program data, ~~which can perform partial decoding,~~ in a memory of an electronic device, when ~~said~~the optical disk is loaded in ~~said~~the electronic device;

reading ~~said~~the compressed image data from ~~said~~the optical disk into ~~said~~the electronic device and partially decoding the compressed image data using a decoding unit arranged in said the electronic device to decode said compressed image data partially; and

decoding ~~said~~the partially decoded compressed image data, ~~which has been decoded partially,~~ by ~~said~~the program data, ~~which is recorded in said the memory of said the electronic device and can perform partial decoding.~~

2. (currently amended) A method for decoding compressed image data according to claim 1, wherein the step of recording ~~said~~the program data, ~~which can perform partial decoding,~~ in ~~said~~the memory of ~~an~~the electronic device ~~when said optical disk is loaded in said electronic device,~~ further includes the step of recording ~~said~~the program data in a memory card, ~~which is an auxiliary recording device removably installed in said the electronic device.~~

3. (currently amended) A method for decoding compressed image data according to claim 1, wherein the step of recording ~~saidthe~~ program data, ~~which can perform partial decoding,~~ in ~~saidthe~~ memory of ~~saidthe~~ electronic device ~~when said optical disk is loaded in said electronic device~~ further includes the steps of recording ~~saidthe~~ program data ~~temporally~~temporarily in a memory card, ~~which is an auxiliary recording device~~ removably installed in ~~saidthe~~ electronic device, and then recording ~~saidthe~~ program data having been recorded in ~~saidthe~~ memory card, in a main memory within ~~saidthe~~ electronic device ~~then~~.

4. (currently amended) A method for decoding compressed image data according to claim 1, wherein the step of recording ~~saidthe~~ program data, ~~which can perform partial decoding,~~ in ~~saidthe~~ memory of ~~saidthe~~ electronic device ~~when said optical disk is loaded in said electronic device~~ further includes the step of loading and recording ~~saidthe~~ program data in a ROM, ~~which is provided in saidthe electronic device,~~ and canthe ROM being capable of being written to at least once.

5. (currently amended) A method for decoding compressed image data according to claim 1, wherein the step ~~for of~~ recording ~~saidthe~~ program data, ~~which can perform partial decoding,~~ in ~~saidthe~~ memory of ~~saidthe~~ electronic device ~~when said optical disk is loaded in said electronic device~~ further includes the steps of loading and recording ~~saidthe~~ program data ~~recordeed~~ in a ROM, ~~which is provided in saidthe electronic device,~~ and canthe ROM being capable of being written to at least once, and then recording ~~saidthe~~ program data recorded in ~~saidthe~~ ROM, ~~which can be written at least once,~~ in ~~saida~~ main memory within ~~saidthe~~ electronic device.

6. (currently amended) A method for decoding compressed image data according to any one of claims 4 or 5, wherein ~~said~~the ROM ~~which can be written at least once~~ is a flash memory.

7. (currently amended) A method for decoding compressed image data according to any one of claims 1 to 5, wherein ~~said~~the optical disk is selected from the group consisting of a CD-ROM, a DVD-ROM ~~or~~and a DVD-VIDEO.

8. (currently amended) A method for decoding compressed image data according to any one of claims 1 to 5, wherein ~~said~~the electronic device is an entertainment system.

9. (currently amended) A method for decoding compressed image data according to any one of claims 1 to 5, wherein ~~said~~the electronic device is a game device and ~~said~~the compressed image data is a game program.

10. (currently amended) A method for decoding compressed image data according to any one of claims 1 to 5, wherein ~~said~~the compressed image data is compressed based on the MPEG method, ~~which is a motion picture compression international standard.~~

11. (currently amended) A method for decoding compressed image data according to any one of claims 1 to 5, wherein ~~said~~the program data, ~~which is recorded in said optical disk in advance and can perform partial decoding,~~ is movement compensation program data.

12. (currently amended) A method for decoding compressed image data according to any one of claims 1 to 5, wherein the steps of reading ~~said~~the compressed image data from ~~said~~the optical disk ~~into~~to ~~said~~the electronic device and using a decoding unit

arranged ~~within said~~ in the electronic device to partially decode ~~said~~ the compressed image data ~~partially~~ are performed by VLC decoding means, inverse-quantization means and IDCT means provided in an image decoding means ~~within said~~ in the electronic device.

13. (currently amended) A method for decoding compressed image data according to claim 12, wherein ~~said~~ the VLC decoding means, the inverse-quantization means and the IDCT means are configured by hardware means.

14. (currently amended) An electronic device for decoding compressed image data recorded in an optical disk, comprising ~~at least~~:

image decoding means for reading ~~said~~ the compressed image data from ~~said~~ the optical disk into ~~said~~ the electronic device and for partially decoding ~~said~~ the compressed image data partially; and

memory means for reading and recording program data, ~~which can~~ capable of performing partial decoding, when ~~said~~ the optical disk is loaded in ~~said~~ the electronic device, wherein ~~said~~ the optical disk ~~being~~ is recorded with the program data, ~~which can perform partial decoding, in advance,~~ in addition to ~~said~~ the compressed image data in advance, and wherein ~~said~~ the compressed image data is ~~read~~ read from ~~said~~ the optical disk into ~~said~~ the electronic device, ~~said~~ the image decoding means is used to partially decode ~~said~~ the compressed image data ~~partially~~, and ~~said~~ the compressed image data having been decoded is decoded partially by ~~said~~ the program data recorded in ~~said~~ the memory means in ~~said~~ the electronic device.

15. (currently amended) An electronic device according to claim 14, further comprising a memory card, ~~which is an auxiliary~~

~~recording device installed removably~~ installed in ~~said~~the electronic device; wherein the program data, ~~which is recorded in said~~the optical disk and ~~can perform partial decoding,~~ is read and recorded in ~~said~~the memory card, and wherein ~~said~~the compressed image data is read from ~~said~~the optical disk into ~~said~~the electronic device, ~~said~~the image decoding means is used to decode ~~said~~the compressed image data partially, and ~~said~~the compressed image data having been decoded is partially decoded by ~~said~~the program data recorded in ~~said~~the memory card.

16. (currently amended) An electronic device according to claim 14, further comprising a memory card, ~~which is an auxiliary recording device installed removably~~ installed in ~~said~~the electronic device, wherein the program data, ~~which is recorded in said~~the optical disk and ~~can perform partial decoding,~~ is read and ~~temporarily~~temporarily recorded into ~~said~~the memory card and further ~~said~~the program data recorded in ~~said~~the memory card is read and recorded into a main memory within ~~said~~the electronic device, and wherein ~~said~~the compressed image data is read from ~~said~~the optical disk into ~~said~~the electronic device, ~~said~~the image decoding means is used to decode ~~said~~the compressed image data partially, and ~~further said~~the compressed image data having been decoded is partially decoded by ~~said~~the program data recorded in ~~said~~the main memory.

17. (currently amended) An electronic device according to claim 14, further comprising a ROM, ~~which can be written at least once,~~ equipped in ~~said~~the electronic device, the ROM being capable of being written to at least once, wherein the program data, ~~which is recorded in said~~the optical disk and ~~can perform partial decoding,~~ is read and recorded into ~~said~~the ROM, ~~which can be written at least once,~~ and wherein ~~said~~the compressed image data is read from ~~said~~the optical disk into ~~said~~the

electronic device, ~~saidthe~~ image decoding means is used to decode ~~saidthe~~ compressed image data partially, and further ~~saidthe~~ compressed image data having been decoded ~~is~~ is partially decoded by ~~saidthe~~ program data recorded in ~~saidthe~~ ROM ~~which can be written at least once~~.

18. (currently amended) An electronic device according to claim 14, further comprising a ROM, ~~which can be written at least once~~, equipped in ~~saidthe~~ electronic device, the ROM being capable of being written to at least once, wherein the program data, which is recorded in ~~saidthe~~ optical disk and can perform partial decoding, is read and recorded temporarilytemporarily into ~~saidthe~~ ROM, which can be written at least once and further reading and recording said the program data recorded in ~~saidthe~~ ROM which can be written at least once, is read out and recorded into a main memory within ~~saidthe~~ electronic device, and wherein ~~saidthe~~ compressed image data is read from ~~saidthe~~ optical disk into ~~saidthe~~ electronic device, ~~saidthe~~ image decoding means is used to decode ~~saidthe~~ compressed image data partially, and further ~~saidthe~~ compressed image data having been decoded is partially decoded by ~~saidthe~~ program data recorded in ~~saidthe~~ main memory.

19. (currently amended) An electronic device according to any one of claims 17 or 18, wherein ~~saidthe~~ ROM, ~~which can be written at least once~~, is a flash memory.

20. (currently amended) An electronic device according to any one of claims 14 to 18, wherein ~~saidthe~~ optical disk is selected from the group consisting of a CD-ROM, a DVD-ROM ~~or~~and a DVD-VIDEO.

21. (currently amended) An electronic device according to any one of claims 14 to 18, wherein ~~said~~the electronic device is an entertainment system.

22. (currently amended) An electronic device according to any one of claims 14 to 18, wherein:

~~said~~the electronic device is a game device; and

~~said~~the compressed image data is a game program.

23. (currently amended) An electronic device according to any one of claims 14 to 18, wherein:

~~said~~the compressed image data is ~~image-compressed~~ based on the MPEG method, ~~which is a moving picture compression international standard.~~

24. (currently amended) An electronic device according to any one of claims 14 to 18, wherein ~~said~~the program data, ~~which is recorded in said optical disk in advance and can perform partial decoding,~~ is movement compensation program data.

25. (currently amended) An electronic device according to any one of claims 14 to 18, wherein ~~said~~the image decoding means for reading ~~said~~the compressed image data from ~~said~~the optical disk into ~~said~~the electronic device and decoding ~~said~~the compressed image data partially includes VLC decoding means, inverse-quantization means and IDCT means.

26. (currently amended) An electronic device according to claim 25, wherein ~~said~~the VLC decoding means, the inverse-quantization means and the IDCT means are configured by hardware means.

27. (cancelled)

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28. (cancelled)

29. (cancelled)

30. (cancelled)